



vessel
essential oils

GC-MS Analysis		Essential Oil
Product Name		Cedarwood Organic Essential Oil from Himalaya
Product Type		Essential oil
Botanical Name		<i>Cedrus deodara</i>
Batch N°		CW2023001B
Label name		Cedarwood Organic Essential Oil from Morocco
Production Date		June 2022
Shelf Life		5 years
Origin		Morocco
Refractive Index		+51.05
Specific gravity (g/mL)		1.520
Optical rotation (°)		0.945
Cultivation		Wild organic
Production		Steam Distillation
Plant Part		Wood chips
RT Time (min)	Compound	%
8.717	Mesityl oxide	0.08
28.325	4-Acetyl-1-methylcyclohexene	1.24
32.097	4'-Methyl acetophenone	0.16
43.452	alpha-Longipinene	0.05
47.333	Junipene[RT58.781, AI1408]	0.45
48.229	Himachalene isomer	0.94
48.679	trans-alpha-Bergamotene	0.09
49.203	E-Vestitenone	1.61
49.917	alpha-Himachalene	13.80
51.152	alpha-Neocallitropsene	0.29

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51.645	gamma-Himachalene	9.54
51.909	11-alpha-H-Himachala-1,4-diene	1.58
52.216	(Z)-4,10-Epoxy amorphane	0.08
52.622	Bicyclogermacrene	0.07
53.028	beta-Himachalene	34.85
53.459	alpha-dehydro-ar-Himachalene	0.49
54.881	9,10-Cycloisolongifolene	0.28
55.174	trans-alpha-Bisabolene	1.07
55.291	alpha-Calacorene	0.11
56.341	trans-Nerolidol	0.12
58.977	Longiborneol	0.33
59.938	beta-Himachalene oxide	0.59
61.869	beta-Himachalol	1.33
62.194	Ar-tumerone	0.13
63.547	allo-Himachalol	4.94
64.110	(4R,8R)-Deodarone	0.93
64.198	(4R,8S)-Deodarone	6.50
64.975	(Z)-alpha-Atlantone	2.31
68.259	(E)-alpha-Atlantone	4.26
Total		88.22

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